Arsenii Ashukha

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Summary

I'm a research assistant at International Laboratory of Deep Learning and Bayesian Methods. At HSE and YSDA I teach Scientific ML Seminar. My research is focused on Bayesian regularization of deep neural nets. To see the publication list visit my scholar profile.

Skills: Machine Learning, Deep Learning, Bayesian ML, Python, Hadoop, Linux, Fluent English

Education

2015 - 2017	Master, *Machine Learning*, Moscow Institute of Physics and Technology, GPA: 9.0/10.0
Thesis	*Variational Dropout Sparsifies DNNs*, Supervisor: Prof. D. Vetrov (`HSE`), A. Dral (`MIPT`)
2015 - 2016	Irregular Student, *Machine Learning*, Yandex School of Data Analysis, GPA: 4.8/5.0
Result	*Six courses were passed and the favorites are Bayesian ML, Deep Learning, Machine Learning*
2011 - 2015	Bachelor, *Computer Science*, Bauman Moscow State Technical University, GPA: 3.7/5.0
Thesis	*Building of Uncorrelated Kernels for Topic Models*, Supervisor: N. Loukachevitch (`MSU`)

Experience

Mar 2017 - Now

HSE, Moscow — Intern Researcher at Lab of DL and Bayesian ML
- Research on efficient training of DNNs all details are hidden under NDA
Chief: Dmitriy Vetrov (vetrovd@yandex.ru)

Jun 2016 - Aug 2016
3 month

Yandex, Moscow — Intern at Music Deep Learning Group
- Searching similar tracks and building recommendation features using DNN
Chief: Eugene Krofto (singleton@yandex-team.ru)

Dec 2013 - Feb 2016
2 year 1 month p/t

Rambler, Moscow — R&D Engineer at Machine Learning Group
- Improving the quality and performance of user classification using browser history
- Recommendations system for the news posts on `rambler.ru`
Chief: Pavel Klemenkov (pklemenkov@gmail.com), Anton Gorokhov (anton.gorokhov@gmail.com)

Jun 2013 - Aug 2013
3 month

Rambler, Moscow — Intern at Search Group
- Users query classification to show a mixing in search results
Chief: Max Karpenko (v3dmax@gmail.com)

Teaching

- **Feb 2016 - Feb 2017:** Practical Lecturer of `Machine Learning course` at MIPT (parts 1,2)
- **Sep 2016 - Aug 2017:** Lecturer of several classes of Deep Learning courses at MSU and HSE
- **Oct 2016 - Aug 2017:** Lecturer of DL part of Data Mining in Action course, YouTube records in Russian ☺
- **Feb 2017 - Aug 2017:** Lecturer of DL part in Machine Learning course at MIPT
- **Feb 2017 - Now:** Co-head of Scientific Machine Learning seminar for MIPT and HSE Yandex students